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MeSH Browser
Single Citation Matcher
Batch Citation Matcher
Clinical Queries
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Items 1-20 of 3079 Page 1 of 154 Next

1: Lan Y, Ge J, Lin M, Zheng J, Chen H, Liu H, Wei J, Li Y. Related Articles, Links

The preliminary study of interferon-gamma gene transfection to human Tenon's capsule fibroblasts in vitro.
Yan Ke Xue Bao. 2000 Sep;16(3):153-7.
PMID: 12579638 [PubMed - in process]

2: Shi C, Zou Z, Luo C, Su Y, Guo C. Related Articles, Links

[Prospects of Research on Bone Marrow Mesenchymal Stem Cells]
Zhongguo Shi Yan Xue Ye Xue Za Zhi. 2000 Mar;8(1):61-65. Chinese.
PMID: 12578721 [PubMed - as supplied by publisher]

3: Fu S, Wei X, Cheng K, Lu A, Wang S, Wang D. Related Articles, Links

[Control of Thrombopoietin Expression by Doxycycline in CHO Cells]
Zhongguo Shi Yan Xue Ye Xue Za Zhi. 2000 Mar;8(1):10-13. Chinese.
PMID: 12578711 [PubMed - as supplied by publisher]

4: Zeng F, Shen B. Related Articles, Links

[Origin and Regulation of Hematopoietic Stem Cells During Embryonic Ontogeny]
Zhongguo Shi Yan Xue Ye Xue Za Zhi. 2000 Jun;8(2):145-148. Chinese.
PMID: 12578707 [PubMed - as supplied by publisher]

5: Wang Z, Kang X, Tani K, Sumimoto H, Nakazaka Y, Asano S. Related Articles, Links

[Effect of Tumor Vaccine of EL-4 Cell Transduced with IL-12 Gene in C57BL/6 Mice]
Zhongguo Shi Yan Xue Ye Xue Za Zhi. 2000 Jun;8(2):118-121. Chinese.
PMID: 12578700 [PubMed - as supplied by publisher]

6: Wu S, Cao G, Chen D, Pan X, Wang S. Related Articles, Links

[p16 (CDKN2) Gene Transfer Mediated by Retrovirus Vector Inhibits Proliferation of Leukemia Cell Line K562]
Zhongguo Shi Yan Xue Ye Xue Za Zhi. 2000 Jun;8(2):114-117. Chinese.
PMID: 12578699 [PubMed - as supplied by publisher]

7: Liu X, Yu X, Guo Z, Li X, Liu Y, Mao N. Related Articles, Links

[Cotransduction of Human mdr-1 and Dihydrofolate Reductase Genes into Murine Hematopoietic Cells]
Zhongguo Shi Yan Xue Ye Xue Za Zhi. 2000 Jun;8(2):110-113. Chinese.
PMID: 12578698 [PubMed - as supplied by publisher]

8: Fu J, Wang W, Lu D, Cen J, Chen Z. Related Articles, Links

[Construction and Expression of Retroviral Vector Encoding Enhanced Green Fluorescent Protein]
Zhongguo Shi Yan Xue Ye Xue Za Zhi. 2000 Dec;8(4):261-265. Chinese.
PMID: 12578662 [PubMed - as supplied by publisher]

9: Wei X, Fu S, Zang W, Wu S, Wang S, Wang D. Related Articles, Links

[Using RevTet-On System to Control Thrombopoietin Gene Expression]

Zhongguo Shi Yan Xue Ye Xue Za Zhi. 2000 Dec;8(4):241-244. Chinese.
PMID: 12578658 [PubMed - as supplied by publisher]

10: He TY, Shi YX, Chen SS. Related Articles, Links

[Expression of VEGF on rabbit skin fibroblasts using retroviral vector]
Shi Yan Sheng Wu Xue Bao. 2000 Jun;33(2):101-7. Chinese.
PMID: 12548973 [PubMed - in process]

11: Jin YJ, Song JD. Related Articles, Links

[The inhibitory effect of asODNs on the invasion of colorectal cancer cell line CCL229]
Shi Yan Sheng Wu Xue Bao. 2000 Mar;33(1):21-6. Chinese.
PMID: 12548848 [PubMed - in process]

12: Gotz I, Gotz M. Related Articles, Links

Cystic fibrosis: psychological issues.
Paediatr Respir Rev. 2000 Jun;1(2):121-7.
PMID: 12531104 [PubMed - in process]

13: Hofstetter A. Related Articles, Links

Health care and society. A conflicting reality: the limits of technology.
Dolentium Hominum. 2001;16(1):18-20. No abstract available.
PMID: 12528739 [PubMed - indexed for MEDLINE]

14: Wood CG. Related Articles, Links

Tumour angiogenesis as a target for adenoviral mediated antisense gene therapy in human prostate cancer.
Prostate Cancer Prostatic Dis. 2000 Dec;3(S1):S43. No abstract available.
PMID: 12497151 [PubMed - as supplied by publisher]

15: Garcia-Sanchez F, Lledo E, Alvarez A, Lillo R, Llorente C. Related Articles, Links

New treatments based on gene therapy approaches to increase radiosensitisation in prostate cancer.
Prostate Cancer Prostatic Dis. 2000 Dec;3(S1):S15. No abstract available.
PMID: 12497125 [PubMed - as supplied by publisher]

16: Bangma CH, Kraaij R, Oomen MH, Th Van Rijswijk AL, De Ridder CM. Related Articles, Links

Adenoviral mediated gene therapy for prostate cancer: studies on vector tropism and payload.
Prostate Cancer Prostatic Dis. 2000 Dec;3(S1):S5. No abstract available.
PMID: 12497115 [PubMed - as supplied by publisher]

17: Bangma CH. Related Articles, Links

Targeting of adenoviral vectors for gene therapy of prostate cancer.
Prostate Cancer Prostatic Dis. 2000 Dec;3(4):308-312.
PMID: 12497084 [PubMed - as supplied by publisher]

18: Dalgleish AG, Perry MJ, Eaton JD, Hrouda D, Todryk SM, Kirby RS. Related Articles, Links

The immunotherapy of prostate cancer.
Prostate Cancer Prostatic Dis. 2000 Dec;3(4):303-307.
PMID: 12497083 [PubMed - as supplied by publisher]

19: Nasu Y, Bangma CH, Hull GW, Yang G, Wang J, Shimura S, McCurdy MA, Ebara S, Lee HM, Timme TL, Thompson TC. Related Articles, Links

Combination gene therapy with adenoviral vector-mediated HSV-tk+GCV and IL-12 in an orthotopic mouse model for prostate cancer.
Prostate Cancer Prostatic Dis. 2001;4(1):44-55.
PMID: 12497062 [PubMed - as supplied by publisher]

20: Levy AP, Roguin A. Related Articles, Links

Basic principles of angiogenesis for the interventional cardiologist.
Int J Cardiovasc Intervent. 2000 Mar;3(1):13-19.
PMID: 12470382 [PubMed - as supplied by publisher]

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Page 1 of 154 Next

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Single Citation Matcher
Batch Citation Matcher
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Clinical Alerts
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Display Summary Show: 20 Sort Send to Text

Items 21-40 of 3079 Previous Page 2 of 154 Next

21: Kretowski A. Related Articles, Links
[The role of genetic studies in the pathogenesis, diagnosis and therapy of type 1 diabetes]
Pol Arch Med Wewn. 2001;105 Suppl:347-50. Review. Polish. No abstract available.
PMID: 12412266 [PubMed - indexed for MEDLINE]

22: Sieradzki J. Related Articles, Links
[The significance of genetic investigations in diabetology]
Pol Arch Med Wewn. 2001;105 Suppl:341-5. Review. Polish. No abstract available.
PMID: 12412265 [PubMed - indexed for MEDLINE]

23: Jindal RM, Karanam M, Shah R. Related Articles, Links
Prevention of diabetes in the NOD mouse by intra-muscular injection of recombinant adeno-associated virus containing the preproinsulin II gene.
Int J Exp Diabetes Res. 2001;2(2):129-38.
PMID: 12369716 [PubMed - indexed for MEDLINE]

24: [No authors listed] Related Articles, Links
Status and prospects of gene therapy for urologic cancer. First Meeting of the Japanese Society for Urological Gene Therapy. November 20, 1999. Okayama, Japan.
Mol Urol. 2000 Summer;4(2):37-87. No abstract available.
PMID: 12362879 [PubMed - indexed for MEDLINE]

25: Robbins J. Related Articles, Links
Gene therapy and molecular toxicology: a commentary.
Cardiovasc Toxicol. 2001;1(1):3-5. No abstract available.
PMID: 12213992 [PubMed - indexed for MEDLINE]

26: Luo JX, Tan WB, Tan YN, Chen GJ. Related Articles, Links
[Cloning of the recombinant human hepatocyte growth factor gene]
Hunan Yi Ke Da Xue Xue Bao. 2000 Oct 28;25(5):425-7. Chinese.
PMID: 12212107 [PubMed - in process]

27: [No authors listed] Related Articles, Links
Gene Therapy Advisory Committee.
Bull Med Ethics. 2000 Mar;(156):17. No abstract available.
PMID: 12201319 [PubMed - indexed for MEDLINE]

28: Maloney DM. Related Articles, Links
Alleged violations of subject protection rules led to an indefinite research shutdown.
Hum Res Rep. 2000 Apr;15(4):1-2. No abstract available.
PMID: 12201313 [PubMed - indexed for MEDLINE]

29: Rodriguez E. Related Articles, Links
Social attitudes and the Human Genome Project: ethical implications.
Linacre Q. 2000 Feb;67(1):28-40. No abstract available.

PMID: 12199283 [PubMed - indexed for MEDLINE]

30: Silvasti E. Related Articles, Links

[Brain, genes and cosmetics]
Duodecim. 2001;117(23):2491-4. Finnish. No abstract available.
PMID: 12184113 [PubMed - indexed for MEDLINE]

31: Czarnocka B. Related Articles, Links

[Sodium-iodide cotransporter in gene therapy]
Wiad Lek. 2001;54 Suppl 1:95-103. Review. Polish.
PMID: 12182068 [PubMed - indexed for MEDLINE]

32: Lukkarinen O, Tammela T. Related Articles, Links

[Male sexual dysfunction]
Duodecim. 2001;117(19):1965-72. Review. Finnish. No abstract available.
PMID: 12181928 [PubMed - indexed for MEDLINE]

33: Herzog RW, Hagstrom JN. Related Articles, Links

Gene therapy for hereditary hematological disorders.
Am J Pharmacogenomics. 2001;1(2):137-44. Review.
PMID: 12174674 [PubMed - indexed for MEDLINE]

34: Francis SC, Katovich MJ, Gelband CH, Raizada MK. Related Articles, Links

Gene therapy in cardiovascular disease. Current status.
Am J Pharmacogenomics. 2001;1(1):55-66. Review.
PMID: 12173315 [PubMed - indexed for MEDLINE]

35: Young JC, Lin K, Travis M, Hansteen G, Abitorabi A, Sirenko O, Murray L, Hill B. Related Articles, Links

Investigation into an engraftment defect induced by culturing primitive hematopoietic cells with cytokines.
Cytotherapy. 2001;3(4):307-20.
PMID: 12171719 [PubMed - indexed for MEDLINE]

36: Scherman D. Related Articles, Links

[In Process Citation]
Bull Acad Natl Med. 2001;185(9):1683-97. French.
PMID: 12146060 [PubMed - in process]

37: Theys J, Landuyt AW, Nuyts S, Van Mellaert L, Lambin P, Anne J. Related Articles, Links

Clostridium as a tumor-specific delivery system of therapeutic proteins.
Cancer Detect Prev. 2001;25(6):548-57.
PMID: 12132875 [PubMed - indexed for MEDLINE]

38: Hukkanen V, Kahari VM, Hyypia T. Related Articles, Links

[Viruses as helpful instruments in medicine]
Duodecim. 2001;117(10):1059-65. Finnish. No abstract available.
PMID: 12116465 [PubMed - indexed for MEDLINE]

39: Eidelman O, Zhang J, Srivastava M, Pollard HB. Related Articles, Links

Cystic fibrosis and the use of pharmacogenomics to determine surrogate endpoints for drug discovery.
Am J Pharmacogenomics. 2001;1(3):223-38. Review.
PMID: 12083969 [PubMed - indexed for MEDLINE]

40: Marie PJ. Related Articles, Links

The molecular genetics of bone formation: implications for therapeutic interventions in bone disorders.
Am J Pharmacogenomics. 2001;1(3):175-87. Review.
PMID: 12083966 [PubMed - indexed for MEDLINE]

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Previous Page 2 of 154 Next

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Display Summary Show: 20 Sort Send to Text

Items 41-60 of 3079 Previous Page 3 of 154 Next

41: Alsanea O. Related Articles, Links

Familial nonmedullary thyroid cancer.
Curr Treat Options Oncol. 2000 Oct;1(4):345-51. Review.
PMID: 12061376 [PubMed - indexed for MEDLINE]

42: Kindler HL. Related Articles, Links

Malignant pleural mesothelioma.
Curr Treat Options Oncol. 2000 Oct;1(4):313-26. Review.
PMID: 12057157 [PubMed - indexed for MEDLINE]

43: Chi DS, Sabbatini P. Related Articles, Links

Advanced ovarian cancer.
Curr Treat Options Oncol. 2000 Jun;1(2):139-46. Review.
PMID: 12057051 [PubMed - indexed for MEDLINE]

44: Wei DY, Dai BB, Chen SS, Wang ZH. Related Articles, Links

The Expression of Adenoviral Mediated gfp Reporter Gene in Tumor Cells Induced and Regulated by Irradiation.
Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao (Shanghai). 2001;33(1):123-127.
PMID: 12053201 [PubMed - as supplied by publisher]

45: Xu DH, Chen XW, Xu LF, Cao L, Chen SD, Liu XY, Zheng ZC. Related Articles, Links

Treatment of Parkinson's Disease by Genetically Modified Immortalized Fibroblasts.
Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao (Shanghai). 2001;33(1):117-122.
PMID: 12053200 [PubMed - as supplied by publisher]

46: Li YH, Xie YM, Guo KY, Chen H, Wei Y, Huang JS, Ren DM. Related Articles, Links

Treatment of Tumor in Mice by Oral Administration of Cytosine Deaminase Gene Carried in Live Attenuated Salmonella.
Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao (Shanghai). 2001;33(2):233-237.
PMID: 12050817 [PubMed - as supplied by publisher]

47: Zhu LX, Xie YH, Li GD, Wang Y. Related Articles, Links

High Frequency of Homologous Recombination in the Genome of Modified Vaccinia Virus Ankara Strain (MVA).
Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao (Shanghai). 2001;33(5):497-503.
PMID: 12040389 [PubMed - as supplied by publisher]

48: Machalinski B, Gontarewicz A, Ratajczak MZ. Related Articles, Links

Morphological analysis of the bone marrow biopsies derived from heparinized cadaveric organ donors before and after disconnecting from the respirator.
Ann Transplant. 2001;6(4):48-52.
PMID: 12035459 [PubMed - indexed for MEDLINE]

49: Przepiorka D. Related Articles, Links

The CDC Guidelines for Prevention of Infections: rule with reason.
Cytotherapy. 2001;3(1):37-9. No abstract available.
PMID: 12028842 [PubMed - indexed for MEDLINE]

☐ 50: Moritz T, Williams DA. Related Articles, Links

Marrow protection - transduction of hematopoietic cells with drug resistance genes.
Cytotherapy. 2001;3(2):67-84. Review. No abstract available.
PMID: 12028830 [PubMed - indexed for MEDLINE]

☐ 51: Oyama M, Yazaki T, Ohigashi T, Hoshi M, Horiguchi Y, Oya M, Asakura H, Nakashima J, Tachibana M, Uyemura K, Murai M. Related Articles, Links

Application of conditionally replicating herpes vector for gene therapy treatment of urologic neoplasms.
Mol Urol. 2000 Summer;4(2):83-7. Review.
PMID: 12006247 [PubMed - indexed for MEDLINE]

☐ 52: Shirakawa T, Gotoh A, Wada Y, Kamidono S, Ko SC, Kao C, Gardner TA, Chung LW. Related Articles, Links

Tissue-specific promoters in gene therapy for the treatment of prostate cancer.
Mol Urol. 2000 Summer;4(2):73-82. Review.
PMID: 12006246 [PubMed - indexed for MEDLINE]

☐ 53: Nasu Y, Kusaka N, Saika T, Tsushima T, Kumon H. Related Articles, Links

Suicide gene therapy for urogenital cancer: current outcome and prospects.
Mol Urol. 2000 Summer;4(2):67-71. Review.
PMID: 12006245 [PubMed - indexed for MEDLINE]

☐ 54: Irie A, Kashani-Sabet M, Scanlon KJ, Uchida T, Baba S. Related Articles, Links

Hammerhead ribozymes as therapeutic agents for bladder cancer.
Mol Urol. 2000 Summer;4(2):61-6.
PMID: 12006244 [PubMed - indexed for MEDLINE]

☐ 55: Fujiwara T, Kataoka M, Tanaka N. Related Articles, Links

Adenovirus-mediated p53 gene therapy for human cancer.
Mol Urol. 2000 Summer;4(2):51-4. Review.
PMID: 12006242 [PubMed - indexed for MEDLINE]

☐ 56: Nishitani M, Sakai T, Kanayama H, Himeno K, Kagawa S. Related Articles, Links

Cytokine gene therapy for cancer with naked DNA.
Mol Urol. 2000 Summer;4(2):47-50. Review.
PMID: 12006241 [PubMed - indexed for MEDLINE]

☐ 57: Kawai K, Tani K, Asano S, Akaza H. Related Articles, Links

Ex vivo gene therapy using granulocyte-macrophage colony-stimulating factor-transduced tumor vaccines.
Mol Urol. 2000 Summer;4(2):43-6. Review.
PMID: 12006240 [PubMed - indexed for MEDLINE]

☐ 58: Asano S. Related Articles, Links

Gene therapy as translational research.
Mol Urol. 2000 Summer;4(2):41. No abstract available.
PMID: 12006239 [PubMed - indexed for MEDLINE]

☐ 59: Kumon H. Related Articles, Links

Status and prospects of gene therapy for urologic cancer.
Mol Urol. 2000 Summer;4(2):39-40. No abstract available.
PMID: 12006238 [PubMed - indexed for MEDLINE]

☐ 60: Gong MC, Fair WR. Related Articles, Links

Introduction--translational research trends: urologic gene therapy.
Mol Urol. 2000 Summer;4(2):37-8. No abstract available.
PMID: 12006237 [PubMed - indexed for MEDLINE]

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Items 41-60 of 3079

Previous Page 3 of 154 Next

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Items 61-80 of 3079 Previous Page 4 of 154 Next

61: Wilczynska U, Kucharska A, Szary J, Szala S. Related Articles, Links
Combined delivery of an antiangiogenic protein (angiostatin) and an immunomodulatory gene (interleukin-12) in the treatment of murine cancer.
Acta Biochim Pol. 2001;48(4):1077-84.
PMID: 11995969 [PubMed - indexed for MEDLINE]

62: Dudek D, Heba G, Rzeszutko L, Dubiel JS. Related Articles, Links
[Therapeutic angiogenesis for coronary artery disease. Contemporary results and perspectives]
Przegl Lek. 2001;58(11):1000-3. Review. Polish.
PMID: 11987827 [PubMed - indexed for MEDLINE]

63: Ryuke Y, Mizuno M, Natsume A, Yoshida J. Related Articles, Links
Transduction efficiency of adenoviral vectors into human glioma cells increased by association with cationic liposomes.
Neurol Med Chir (Tokyo). 2000 May;40(5):256-60.
PMID: 11980090 [PubMed - indexed for MEDLINE]

64: Matsuno S, Egawa S, Arai K. Related Articles, Links
Trends in treatment for pancreatic cancer.
J Hepatobiliary Pancreat Surg. 2001;8(6):544-8. Review.
PMID: 11956906 [PubMed - indexed for MEDLINE]

65: Triffitt JT, Oreffo RO, Virdi AS, Xia Z. Related Articles, Links
Osteogenic stem-cell characterization and development: potentials for cytotherapy.
Cytotherapy. 2001;3(5):413-6. Review.
PMID: 11953025 [PubMed - indexed for MEDLINE]

66: Gee A. Related Articles, Links
Mesenchymal stem-cell therapy in a regulated environment.
Cytotherapy. 2001;3(5):397-8. Review. No abstract available.
PMID: 11953020 [PubMed - indexed for MEDLINE]

67: Prockop DJ, Sekiya I, Colter DC. Related Articles, Links
Isolation and characterization of rapidly self-renewing stem cells from cultures of human marrow stromal cells.
Cytotherapy. 2001;3(5):393-6.
PMID: 11953019 [PubMed - indexed for MEDLINE]

68: Michelakis ED, Dyck JR, McMurtry MS, Wang S, Wu XC, Moudgil R, Hashimoto K, Puttagunta L, Archer SL. Related Articles, Links
Gene transfer and metabolic modulators as new therapies for pulmonary hypertension. Increasing expression and activity of potassium channels in rat and human models.
Adv Exp Med Biol. 2001;502:401-18.
PMID: 11950153 [PubMed - indexed for MEDLINE]

Cooke H. Related Articles, Links

69:
Mammalian artificial chromosomes as vectors: progress and prospects.
Cloning Stem Cells. 2001;3(4):243-9. Review.
PMID: 11945234 [PubMed - indexed for MEDLINE]

70: Salvi M. Related Articles, Links
Shaping individuality: human inheritable germ line gene modification.
Theor Med Bioeth. 2001;22(6):527-42.
PMID: 11939424 [PubMed - indexed for MEDLINE]

71: Ruiz J, Mazzolini G, Sangro B, Qian C, Prieto J. Related Articles, Links
Gene therapy of hepatocellular carcinoma.
Dig Dis. 2001;19(4):324-32. Review.
PMID: 11935092 [PubMed - indexed for MEDLINE]

72: Przybylowska K, Blasiak J. Related Articles, Links
[Matrix metalloproteinases and their role in cancer progression]
Postepy Biochem. 2001;47(3):212-23. Review. Polish. No abstract available.
PMID: 11908090 [PubMed - indexed for MEDLINE]

73: Gomez-Navarro J, Curiel DT. Related Articles, Links
Conditionally replicative adenoviral vectors for cancer gene therapy.
Lancet Oncol. 2000 Nov;1:148-58. Review.
PMID: 11905653 [PubMed - indexed for MEDLINE]

74: Sharma DC. Related Articles, Links
Indian gene therapy for oral cancer.
Lancet Oncol. 2000 Nov;1:131. No abstract available.
PMID: 11905646 [PubMed - indexed for MEDLINE]

75: Yun TK. Related Articles, Links
Panax ginseng--a non-organ-specific cancer preventive?
Lancet Oncol. 2001 Jan;2(1):49-55. Review.
PMID: 11905620 [PubMed - indexed for MEDLINE]

76: Cristofanilli M, Hortobagyi GN. Related Articles, Links
New horizons in treating metastatic disease.
Clin Breast Cancer. 2001 Jan;1(4):276-87. Review.
PMID: 11899350 [PubMed - indexed for MEDLINE]

77: Clemens PR, Duncan FJ. Related Articles, Links
Progress in gene therapy for Duchenne muscular dystrophy.
Curr Neurol Neurosci Rep. 2001 Jan;1(1):89-96. Review.
PMID: 11898504 [PubMed - indexed for MEDLINE]

78: Geddes D. Related Articles, Links
Perspectives in gene therapy.
Pediatr Pulmonol. 2001;Suppl 23:97-9. Review. No abstract available.
PMID: 11886165 [PubMed - indexed for MEDLINE]

79: Aschwanden C. Related Articles, Links
Gene cheats.
New Sci. 2000 Jan 15;165(2221):24-9. No abstract available.
PMID: 11885621 [PubMed - indexed for MEDLINE]

80: Zweig FM, Davis AM. Related Articles, Links
Genetic technologies and courts of law.
Community Genet. 2000 May;3(4):215-20.
PMID: 11881639 [PubMed - indexed for MEDLINE]

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Tutorial
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Display Summary Show: 20 Sort Send to Text

Items 81-100 of 3079 Previous Page 5 of 154 Next

81: Gardon M, Raizada MK, Katovich MJ, Berecek KH, Gelband CH. Related Articles, Links
Gene therapy for hypertension and restenosis.
J Renin Angiotensin Aldosterone Syst. 2000 Sep;1(3):211-6. Review. No abstract available.
PMID: 11881028 [PubMed - indexed for MEDLINE]

82: Wang X, Li L, Feng K, et Al. Related Articles, Links
[Experimental studies on the characteristics of suicide gene system HSV-tk/GCV and its effect on dendritic cells]
Zhonghua Xue Ye Xue Za Zhi. 2000 Dec;21(12):628-31. Chinese.
PMID: 11877036 [PubMed - in process]

83: Guo X, Wang H, Chu h, et Al. Related Articles, Links
[Retroviral-mediated high efficient in vitro expression of human coagulation factor VIII]
Zhonghua Xue Ye Xue Za Zhi. 2000 Sep;21(9):457-9. Chinese.
PMID: 11877017 [PubMed - in process]

84: Zheng J, Gu C, Lin Z. Related Articles, Links
[Effects of cytokine gene therapy on prolonging survival time of allografted skin after scalding in a murine model]
Zhonghua Shao Shang Za Zhi. 2000 Feb;16(1):50-2. Chinese.
PMID: 11876845 [PubMed - indexed for MEDLINE]

85: Luo G, Wu J, Yi S. Related Articles, Links
[Prolonging the survival of transplanted alloskin by transferring the CTLA(4)Ig locally with recombinant adenovirus vector in mice]
Zhonghua Shao Shang Za Zhi. 2000 Feb;16(1):37-9. Chinese.
PMID: 11876841 [PubMed - indexed for MEDLINE]

86: Wei K, Pei G, Hu B. Related Articles, Links
A new approach to tissue repair: gene therapy.
Chin J Traumatol. 2000 Nov 15;3(4):247-252.
PMID: 11874687 [PubMed - as supplied by publisher]

87: Hilts PJ. Related Articles, Links
F.D.A. says researcher failed to report a second death linked to gene therapy.
NY Times (Print). 2000 May 4;:A20. No abstract available.
PMID: 11873791 [PubMed - indexed for MEDLINE]

88: Hilts PJ. Related Articles, Links
Panel seeks better monitoring of experiments using people.
NY Times (Print). 2000 Mar 2;:A20. No abstract available.
PMID: 11873787 [PubMed - indexed for MEDLINE]

89: Wu X, Zheng J, Fu J, You J, Cui X, Wang J, Fang W, Zhou A, Wu B. Related Articles, Links
[Inhibition of growth and metastasis of human giant cell carcinoma of the lung by transfection of

antisense VEGF121 cDNA]
Zhonghua Bing Li Xue Za Zhi. 2000 Oct;29(5):363-6. Chinese.
PMID: 11866937 [PubMed - in process]

90: Bai X, Che F, Li J, Ma Y, Zhou Y, Zhai J, Meng L. Related Articles, Links

[Effects of adenovirus-mediated p16 and p53 genes transfer on apoptosis and cell cycle of lung carcinoma cells]
Zhonghua Bing Li Xue Za Zhi. 2000 Oct;29(5):354-8. Chinese.
PMID: 11866935 [PubMed - in process]

91: Lin W, Zhang N, Zhang S, Gu J, Guo M. Related Articles, Links

[The effect of TGF-beta1 on the expression of plasminogen activator inhibitors 1 and matrix metalloproteinases in cultured rat mesangial cells transfected with antisense-TGF-beta1 vector]
Zhonghua Bing Li Xue Za Zhi. 2000 Aug;29(4):284-7. Chinese.
PMID: 11866926 [PubMed - in process]

92: Wu Q, Qiao H, Wang Z, Zhang H, Liu P, Xu M, Ren G, Zhao S, She M. Related Articles, Links

[Inhibition of monocytes adhesion to the intima of arterial wall by local expression of antisense monocyte chemotactic protein-1]
Zhonghua Bing Li Xue Za Zhi. 2000 Apr;29(2):107-10. Chinese.
PMID: 11866901 [PubMed - in process]

93: Moralli D, Vagnarelli P, Bensi M, De Carli L, Raimondi E. Related Articles, Links

Insertion of a loxP site in a size-reduced human accessory chromosome.
Cytogenet Cell Genet. 2001;94(3-4):113-20.
PMID: 11856866 [PubMed - indexed for MEDLINE]

94: Hlubinova K, Hlavaty J, Altaner C. Related Articles, Links

Human glioma cells expressing herpes simplex virus thymidine kinase gene treated with acyclovir, ganciclovir and bromovinyldeoxyuridine. Evaluation of their activity in vitro and in nude mice.
Neoplasma. 2001;48(5):398-406.
PMID: 11845986 [PubMed - indexed for MEDLINE]

95: Greger R, Schreiber R, Mall M, Wissner A, Hopf A, Briel M, Bleich M, Warth R, Kunzelmann K. Related Articles, Links

Cystic fibrosis and CFTR.
Pflugers Arch. 2001;443 Suppl 1:S3-7. Review.
PMID: 11845294 [PubMed - indexed for MEDLINE]

96: Baum BJ. Related Articles, Links

Prospects for re-engineering salivary glands.
Adv Dent Res. 2000 Dec;14:84-8. Review.
PMID: 11842930 [PubMed - indexed for MEDLINE]

97: Glorieux FH. Related Articles, Links

The use of bisphosphonates in children with osteogenesis imperfecta.
J Pediatr Endocrinol Metab. 2001;14 Suppl 6:1491-5. Review.
PMID: 11837505 [PubMed - indexed for MEDLINE]

98: Mazurova Y. Related Articles, Links

New therapeutic approaches for the treatment of Huntington's disease.
Acta Medica (Hradec Kralove). 2001;44(4):119-23. Review.
PMID: 11836846 [PubMed - indexed for MEDLINE]

99: Wang L, Sun Y, Yang Z, et Al. Related Articles, Links

[Effects of p16 and GM-CSF combined gene therapy on immune response of tumor-bearing mice]
Zhonghua Wai Ke Za Zhi. 2000 Dec;38(12):939-42. Chinese.
PMID: 11832203 [PubMed - in process]

100: Meilaender G. Related Articles, Links

Designing our descendants.

First Things. 2001 Jan;(109):25-8. No abstract available.
PMID: 11831293 [PubMed - indexed for MEDLINE]

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1: Prostate Cancer Prostatic Dis 2001;4(1):44-55

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Combination gene therapy with adenoviral vector-mediated HSV-tk+GCV and IL-12 in an orthotopic mouse model for prostate cancer.

Nasu Y, Bangma CH, Hull GW, Yang G, Wang J, Shimura S, McCurdy MA, Ebara S, Lee HM, Timme TL, Thompson TC.

Scott Department of Urology, Baylor College of Medicine, Houston, Texas, USA.

We previously demonstrated significant therapeutic activities associated with adenoviral vector-mediated Herpes Simplex Virus/thymidine kinase (AdHSV-tk) with ganciclovir (GCV) in situ gene therapy in the RM-1 orthotopic mouse prostate cancer model and interleukin-12 (AdmIL-12) in situ gene therapy in the RM-9 orthotopic mouse prostate model for prostate cancer. In both protocols, local cytotoxicity and activities against pre-established lung metastases were demonstrated. To test whether combined AdHSV-tk+GCV+IL-12 gene therapy would lead to enhanced therapeutic effects when compared to either treatment alone, we used RM-9 mouse prostate cancer cells in both orthotopic and pre-established lung metastases models of prostate cancer. Combined treatment with a single injection of optimal doses of AdHSV-tk+GCV or AdmIL-12 led to significantly increased suppression of orthotopic tumor growth. IL-12 gene therapy alone was more effective than AdHSV-tk+GCV in suppressing spontaneous lymph node metastases and pre-established lung metastases but combination gene therapy did not result in additional anti-metastatic activities. Combination gene therapy also did not achieve significantly better animal survival compared to AdHSV-tk+GCV or AdmIL-12 alone. Analysis of localized antitumor activities demonstrated that AdHSV-tk+GCV therapy induced higher levels of necrosis compared to AdmIL-12 or combination therapy. However, both treatments alone and combination therapy produced similar increases in apoptotic index. To address the possible mechanisms of locally co-operative cytotoxic activities, we analyzed the systemic natural killer (NK) response and the numbers of tumor-infiltrating immune cells using quantitative immunohistochemical analysis. AdHSV-tk+GCV therapy alone led to detectable increases in iNOS-positive cells, CD4+and CD8+T-cells and moderately increased numbers of F4/80 (macrophage selective)-positive cells within treated tumors. In contrast, AdmIL-12 elicited a highly robust pattern of tumor infiltration for all four of these immune cells that was in general mimicked by combination therapy. Further analysis of the accumulation of transforming growth factor-beta1 (TGF-beta1) immunohistochemical staining demonstrated that AdHSV-tk+GCV treatment, but not AdmIL-12 treatment, produced cancer cell-associated increases in this cytokine relative to control Ad-beta-gal injections. Interestingly, local injection with AdHSV-tk+GCV induced significant splenocyte-derived NK cell cytolytic activities with maximal response 7 days following treatment, whereas AdmIL-12 injection produced significantly higher NK activity with maximal response 2 days following injection. The combined treatment produced a higher systemic NK response over the 14-day treatment period. Depletion of NK cells in vivo demonstrated that this immunocyte subpopulation was responsible for early locally cytotoxic activities induced by AdHSV-tk+GCV but not AdmIL-12 and that NK activities were largely responsible for activities against pre-established metastases generated by both gene therapy protocols. Prostate Cancer and Prostatic Diseases (2001) 4, 44-55

PMID: 12497062 [PubMed - as supplied by publisher]

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1: Int J Exp Diabetes Res 2001;2(2):129-38 Related Articles, Links

Prevention of diabetes in the NOD mouse by intra-muscular injection of recombinant adeno-associated virus containing the preproinsulin II gene.

Jindal RM, Karanam M, Shah R.

Department of Surgery, Indiana University School of Medicine, Indianapolis, USA. r.jindalr@clinmed.gla.ac.uk

Using the Adeno-associated virus (AAV) as a gene delivery vehicle, we have constructed a recombinant vector containing the full length rat preproinsulin gene (vLP-1). Utilizing the well described non-obese diabetic (NOD) mouse model, an experimental group (n = 10) of animals were intramuscularly (i.m.) injected with 10(7) rAAV virions containing the insulin gene and compared to a mock-injected control group (n = 10). Blood glucose (glc) was then measured weekly for 16 weeks. Data showed that the experimental group contained 70% euglycemic animals (defined as glc<200 mg/dL) versus 10% of the control animals ($P < .05$) at 14 weeks. Mean weight in the treated group was greater than the untreated group. Insulin mRNA was detected at the injection site of all of the treated animals, but not controls. Complete destruction of islets was confirmed by histology ruling out the possibility of spontaneous reversal of insulinitis. We conclude that i.m. delivery of the insulin gene in the NOD mouse was able to prevent clinical DM up to 14 weeks in a majority of treated animals. Our experimental data suggests that gene therapy may be an alternative treatment for IDDM in the future.

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1: Am J Pharmacogenomics 2001;1(2):137-44 Related Articles, Links

Gene therapy for hereditary hematological disorders.

Herzog RW, Hagstrom JN.

Department of Pediatrics, Children's Hospital of Philadelphia, University of Pennsylvania Medical Center, Philadelphia, Pennsylvania, USA. rwherzog@mail.med.upenn.edu

The year 2000 saw the first successful treatment of a genetic disorder by gene therapy. Pediatric patients with X-linked severe combined immunodeficiency disorder (SCID-X1) received autologous CD34+ hematopoietic cells following ex vivo gene transfer using a retroviral vector, with subsequent demonstration of improved immune responses. A number of preclinical and clinical studies have been conducted with the aim of developing gene therapy for hemophilia, Fanconi anemia, sickle cell disease, beta-thalassemia, chronic granulomatous disease, and other inherited hematological disorders. The greatest advances in novel approaches toward treatment of hematological disorders have been made in hemophilia, with 3 current phase I clinical trials ongoing. Two trials are investigating the safety and feasibility of utilizing either an ex vivo, non-viral gene transfer technique or an intravenous infusion of a retroviral vector to treat adults with severe hemophilia A (factor VIII deficiency). The third study involves intramuscular administration of an adeno-associated viral (AAV) vector for expression of factor IX in adult patients with hemophilia B. Results from this study and from preclinical studies preceding the trial demonstrate that it is possible to safely administer high doses of a viral vector in vivo.

Publication Types:
- Review
- Review, Tutorial

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1: Am J Pharmacogenomics 2001;1(1):55-66

Gene therapy in cardiovascular disease. Current status.

Francis SC, Katovich MJ, Gelband CH, Raizada MK.

Department of Physiology, College of Medicine, University of Florida Brain Institute, Gainesville, Florida, USA.

Cardiovascular disease is the leading cause of mortality and morbidity in developed countries. Most conventional therapy is often inefficacious and tends to treat the symptoms rather than the underlying causes of the disorder. Gene therapy offers a novel approach for prevention and treatment of cardiovascular diseases. Technical advances in viral vector systems and the development of fusigenic liposome vectors have been crucial to the development of effective gene therapy strategies directed at the vasculature and myocardium in animal models. Gene transfer techniques are being evaluated as potential treatment alternatives for both genetic (familial hypercholesterolemia) and acquired occlusive vascular diseases (atherosclerosis, restenosis, arterial thrombosis) as well as for cardiac disorders including heart failure, myocardial ischemia, graft coronary arteriosclerosis and hypertension. Continued technologic advances in vector systems and promising results in human and animal gene transfer studies make the use of gene therapy a promising strategy for the treatment of cardiovascular disorders.

Publication Types:
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1: Mol Urol 2000 Summer;4(2):83-7 Related Articles, Links

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Application of conditionally replicating herpes vector for gene therapy treatment of urologic neoplasms.

Oyama M, Yazaki T, Ohigashi T, Hoshi M, Horiguchi Y, Oya M, Asakura H, Nakashima J, Tachibana M, Uyemura K, Murai M.

Department of Urology, School of Medicine, Keio University, Tokyo, Japan.
moyama@med.keio.ac.jp

Herpes vector has been widely used for experimental gene therapy. We herein review the strategies of such therapy for the treatment of urologic neoplasms. Most experimental studies of genetically altered viruses have employed replication-incompetent vectors. However, such viruses are unable to infect additional cells subsequent to the initial infection event. Therefore, this strategy has relied heavily on the bystander effect because a large number of noninfected tumor cells remain. Conditionally replicating herpes vector G207 has been developed in order to overcome potential problems of safety and tumor specificity for human use. It has been used to treat malignant brain tumors because of its neural tropism. In the last few years, applications of G207 for non-neural tumors have been reported. Because G207 may be useful for the treatment of urologic malignant tumors, we evaluated the antitumor effect against several types of tumor cells both in vitro and in vivo. Our data suggest that G207 may be applicable for the treatment of urologic malignant tumors.

Publication Types:
- Review
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1: Mol Urol 2000 Summer;4(2):73-82

Related Articles, Links

Tissue-specific promoters in gene therapy for the treatment of prostate cancer.

Shirakawa T, Gotoh A, Wada Y, Kamidono S, Ko SC, Kao C, Gardner TA, Chung LW.

Department of Urology, Kobe University School of Medicine, Kobe, Japan. toshiro@kobe-u.ac.jp

Delivery of therapeutic toxic genes to and their expression in tumor cells through the use of tissue-specific promoters could decrease their toxic effect on neighboring normal cells when virus-mediated gene delivery results in their infection. We have demonstrated the utility of two prostate cancer-specific promoters, long PSA and osteocalcin, for tissue-specific toxic gene therapy for prostate cancer. The two promoters were highly active in both androgen-dependent and androgen-independent prostate cancer cells. We also introduce the Phase I trial of osteocalcin promoter-based toxic gene therapy for bone metastases of prostate cancer, which is in progress at the University of Virginia.

Publication Types:
- Review
- Review, Tutorial

PMID: 12006246 [PubMed - indexed for MEDLINE]

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1: Mol Urol 2000 Summer;4(2):61-6 Related Articles, Links

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Hammerhead ribozymes as therapeutic agents for bladder cancer.

Irie A, Kashani-Sabet M, Scanlon KJ, Uchida T, Baba S.

Department of Urology, Kitasato University School of Medicine, Sagamihara, Kanagawa, Japan. akira_irie@pop07.odn.ne.jp

Hammerhead ribozymes have been investigated extensively as therapeutic agents against cancer. Aberrant or overexpression of genes related to tumorigenicity or cancer growth might be the appropriate targets for ribozyme strategies. Ribozyme-mediated gene therapy should be applied to those diseases that have no successful conventional therapy such as advanced or treatment-resistant bladder cancer. Many genetic alterations have been identified in bladder cancer related to both tumorigenesis and disease progression. Mutated H-ras, fos, and erb-B2 genes have been chosen as targets for ribozymes in previous studies, and antitumor efficacy has been demonstrated by reversion of the malignant phenotypes and by inhibition of tumor growth both in vitro and in vivo. The efficiency of various delivery systems has also been evaluated. An overview of ribozyme strategies, especially for therapeutic applications against bladder cancer, is described here.

PMID: 12006244 [PubMed - indexed for MEDLINE]

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1: Mol Urol 2000 Summer;4(2):43-6

Ex vivo gene therapy using granulocyte-macrophage colony-stimulating factor-transduced tumor vaccines.

Kawai K, Tani K, Asano S, Akaza H.

Department of Urology, Institute of Clinical Medicine, University of Tsukuba, Tsukuba, Ibaraki, Japan. rkawa@md.tsukuba.ac.jp

There is no standard effective therapy for metastatic renal-cell carcinoma (RCC) or prostate cancer. Both of these cancers may be immunogenic, so therapy targeted to a tumor-associated antigen may be effective. Transduction of the gene encoding granulocyte-macrophage colony-stimulating factor has shown promise in preclinical studies, and clinical trials are in their early stages. Both autologous cancer cells and partially HLA-matched allogenic cells are being studied. No dose-limiting side effects have been observed, and a few patients have had transient objective tumor regressions. Further trials with more frequent and, probably, longer immunization schedules are needed to define efficacy.

Publication Types:
- Review
- Review, Tutorial

PMID: 12006240 [PubMed - indexed for MEDLINE]

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1: Acta Biochim Pol 2001;48(4):1077-84 Related Articles, Links

Acta Biochimica Polonica

Combined delivery of an antiangiogenic protein (angiostatin) and an immunomodulatory gene (interleukin-12) in the treatment of murine cancer.

Wilczynska U, Kucharska A, Szary J, Szala S.

Department of Molecular Biology, Center of Oncology Maria Sklodowska-Curie Memorial Institute, Gliwice, Poland.

We investigated the feasibility of a novel therapeutic approach to treat neoplastic diseases in mice. This novel strategy consists in delivering a protein (angiostatin) with strong antiangiogenic properties, followed by administration of the interleukin 12 gene that is strongly immunomodulatory and has also some antiangiogenic effects. When angiostatin-mediated antiangiogenic therapy was used in combination with intratumor delivery of the IL-12 gene (a strategy much safer than IL-12 protein administration), this produced a synergistic therapeutic effect.

PMID: 11995969 [PubMed - indexed for MEDLINE]

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